

ABSTRACT

An apparatus (1) for carbamate decomposition and ammonia and carbon dioxide stripping from urea solutions, wherein a stripper (2) including a substantially cylindrical shell (3), which can be fitted onto a structure (6) for supporting the shell (3) in two distinct vertical positions rotated by 180° with respect to a horizontal symmetry axis (x-x) of the stripper. By virtue of the symmetrical design of stripper (2), the operation and the associated connections of the upper and lower portions are effectively interchangeable, thereby providing a substantial increase in the service life of the stripper when the stripper is rotated so as to bring a corrosion damaged upper part down, at the bottom of the apparatus, and bring the opposed, not yet damaged corresponding area up.